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PTO/SB/21 (09-04) MODIFIED

	(OF I)	Application Number:	10/52	23,602		
TRANSM	IT TALE "	Filing Date:	Febru	uary 4, 2005		
FOR	y dans	First Named Inventor:	Nahu	ım Sonenberg		
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	LAJAN S	Examiner Name:	Unkn	nown		
Total Number of Pages in this S	Submission	Attorney Docket Number:	GOU	D:057US		
•		ENCLOSURES (check all tha	t apply))		
Fee Transmittal For Fee Attached Amendment/Reply After Final	Li	rawings(s) censing-related Papers		After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC		
Affidavits/declara Extension of Time R Express Abandonme Information Disclose Statement Form PTO-1449 References C1-C2 Certified Copy of Production Documents Reply to Missing Parl Incomplete Application Reply to Missing Parts/Requirement	equest nt Request Interpolation in the property of the prope	etition to Convert to a Provisional application ower of Attorney, Revocation, Change of Correspondence address Statement under 37 CFR §3.73(b) Designation of Patent Practitioners criminal Disclaimer equest for Refund D, Number CD(s) Landscape Table on CD		(Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below) Check in the amount of \$ Authorized to be charged to deposit account if check insufficient or inadvertently omitted Deposit account number: 50-1212/GOUD:057US Sequence Statement Paper Copy of Sequence Listing Computer Readable Form (CRF) Postcard		
Declaration(s) Copy of Notice of M Parts/Requirements	Rema	rks: RE OF APPLICANT, ATTOI	RNEY.	OR AGENT		
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	nt & Jaworski L.L.P.			Customer Number 32423		
Signature ///	hail Me	Churt-				
Printed Name Michael R. Krawzsene				Reg. No. 51,898		
Date January	Date January 20, 2006					
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Signature	11.1		/			
Typed or Printed Name	Michael R	Krawzsenek		Date January 20, 2006		

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nahum Sonenberg Marcelo Lopez-Lastra

Serial No.: 10/523,602

Filed: February 4, 2005

For: METHOD FOR INDUCING COMPLETE

HEPATITIS C VIRUS (HCV) REPLICATION IN VITRO Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: GOUD:057US

CERTIFICATE OF MAILING 37 C.F.R 1.8

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January 20, 2006

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Michael R. Krawzsenek

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as

defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first

Official Action reflecting an examination on the merits, and hence is believed to be timely filed

in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the

filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R.

§§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the

Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit

Account No.: 50-1212/GOUD:057US.

Applicants respectfully request that the listed documents be made of record in the present

case.

Respectfully submitted,

Michael R. Krawzsenek

Reg. No. 51,898

Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P. 600 Congress Avenue, Suite 2400 Austin, Texas 78701 (512) 474-5201

Date:

January 20, 2006

Approved for use through 07/31/2006. OMB 0651-0031

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/523,602 Filing Date FEBRUARY 4, 2005 INFORMATION DISCLOSURE First Named Inventor SONENBERG et al. STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number GOUD:057US

			U.S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	^{US-} 5,716,845	02-10-1998	SUGDEN et al.	
		US-			
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
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Examiner Signature		Date Considered	

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Jubstitu	14-37-10			Application Number	10/523,602		
INF	ORMATION	DIS	CLOSURE	Filing Date	FEBRUARY 4, 2005		
STA	TEMENT B	Y A	PPLICANT	First Named Inventor	SONENBERG et al.		
	//t	_4		Art Unit			
	(Use as many she	ets as n	ecessary)	Examiner Name			
Sheet	2	of	4	Attorney Docket Number	GOUD:057US		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	BANCHEREAU, J. et al., Nature, 1998, Vol. 392, pp 245-252.	
	C2	BARTENSCHLAGER, R. et al., Antiviral Research, 2001, Vol. 52, pp 1-17.	
	С3	BARTENSCHLAGER, R., Virus Research, 2002, Vol. 82, pp 25-32.	
	C4	BAUMERT, T.F. et al., J. of Virology, 1998, Vol. 72, No. 5, pp 3827-3836.	
	C5	BERETTA, L. et al., The J. of Immunology, 1998, pp 3269-3273.	
	C6	BOISVERT, J. et al., The J. of Infectious Diseases, 2001, Vol. 184, pp 827-835.	
	C7	BRONOWICKI, J-P. et al., Hepatology, 1998, Vol. 28, No. 1, pp 211-218.	
	C8	CABRERA, R. et al., Hepatology, 2003, Vol. 34, No.4, Suppl. 1, pp 462A-463A.	
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	C9	CRIBIER, B. et al., J. of General Virology, 1995, Vol. 76, pp 2485-2491.	
	C10	HART, D.N.J., Blood, 1997, Vol. 90, No. 9, pp 3245-3287.	

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Signature	.,	Considered	

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Substitu	10 10 10 11 144 3/F 10			Application Number	10/523,602
INF	ORMATION	DIS	CLOSURE	Filing Date	FEBRUARY 4, 2005
STA	TEMENT B	BY A	PPLICANT	First Named Inventor	SONENBERG et al.
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	(Use as many she	ets as n	ecessary)	Examiner Name	
Sheet	3	of	4	Attorney Docket Number	GOUD:057US

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C11	KHANNA, R. et al., Annual review of Microbiology, 2000, Vol. 54, pp 19-48 (Abstract only).	
-	C12	LASKUS, T. et al., The J. of Infectious Diseases, 1998, Vol. 178, pp 1189-1192.	
	C13	LASKUS, T. et al., The J. of Infectious Diseases, 2000, Vol. 181, pp 442-448.	
	C14	LAVANCHY, D., J. of Viral Hepatitis, 1999, Vol. 6, pp 35-47.	
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	C16	LOHMANN, V. et al., Science, 1999, Vol. 285, pp 110-113.	
<u> </u>	C17	LUDEWIG, B. et al., J. of Virology, 1998, Vol. 72, No. 5, pp 3812-3818.	
	C18	MERCER, D.F. et al., Nature Medicine, 2001, Vol. 7, No. 8, pp 927-933.	
	C19	MIZUTANI, T. et al., J. of Virology, 1996, Vol. 70, No. 10, pp 7219-7223.	
	C20	MULLER, H.M. et al., J. of General Virology, 1993, Vol. 74, pp 669-676.	

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE	Filing Date	FEBRUARY 4, 2005	
STATEMENT BY APPLICANT	First Named Inventor	SONENBERG et al.	
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(Use as many sheets as necessary)	Examiner Name		
Sheet 4 of 4	Attorney Docket Number	GOUD:057US	

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	C21	MULLER, H.M. et al., Arch. Virol. 1994, Suppl. Vol. 9, pp 307-316.	
	C22	NAKAJIMA, N. et al., J. of Virology, 1996, Vol. 70, No. 5, pp 3325-3329.	
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· · · · · · · · · · · · · · · · · · ·	C24	ROSENBERG, S., J. of Molecular Biology, 2001, Vol. 313, pp 451-464.	
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· · · · · · · · · · · · · · · · · · ·	C26	SHIMIZU, Y.K. et al., Hepatology, 1996, Vol. 23, No. 2, pp 205-209.	
	C27	SUNG, V.MH. et al., J. of Virology, 2003, Vol. 77, No. 3, pp 2134-2146.	
	C28	TAN, SL. et al., Nature Reviews, 2002, Vol. 1, pp 867-881.	
	C29	WALKER, M.A., DDT, 1999, Vol. 4, No. 11, pp 518-529.	

Examiner	Date
Signature	Considered

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